

U.S. ARMY CORPS OF ENGINEERS, WILMINGTON DISTRICT, COMMENTS ON:

"Federal Environmental Assessment for US 70, Havelock Bypass, Craven County, State Project No. 8.T170701, Federal Aid Project No. STP-NHF-F-56-4(34), TIP ID No. R-1015" (Regulatory Branch Action I.D. 199302466).

1. FLOOD PLAINS: POC - Bobby L. Willis, Planning Services Section, at (910) 251-4728

The proposed project is located in Craven County and partially within the jurisdiction of the city of Havelock, both of which are participants in the National Flood Insurance Program. Based on a review of Panels 390 and 480 of the May 1987 Craven County Flood Insurance Rate Map (FIRM), Corridor 1 crosses an approximately mapped portion of Southwest Prong Slocum Creek. From a review of Panels 8 and 12 of the May 1987 City of Havelock FIRM, Corridors 2 and 3 cross approximately mapped portions of Southwest Prong Slocum Creek and East Prong Slocum Creek. These crossings are identified in Sections 3.6.4 and 4.5.3 and shown on Figure 3.4 of the Environmental Assessment (EA). For these crossings, we suggest that your agency coordinate with the county and city to ensure compliance with their flood plain ordinances.

Incidentally, we wish to commend your agency on the extensive discussion of flood plains contained in the EA. However, we would like to suggest some corrections in the description of the flood plains, as contained on page 3-35. For the first and second sentences on this page, we suggest the following revisions, as shown in bold: "According to the detailed flood study for Tucker Creek, immediately downstream of the study area, the designated floodway is 30 meters (100 feet) wide, with a 100-year floodway elevation of 6.6 meters (21.7 feet N.G.V.D.). **The 100-year unencroached flood elevation (without floodway) at this location is 6.4 meters (20.9 feet) N.G.V.D.**" For the last two sentences of the second paragraph, we suggest the following wording: "The 100-year **riverine** flood elevation with the floodway at this location is 2.6 meters (8.6 feet) N.G.V.D. The 100-year storm surge elevation, **which controls** at this location, is 2.7 meters (8.9 feet) N.G.V.D." For the fourth and fifth sentences of the third paragraph, we suggest the following: "The floodway width **on the upstream side of Miller Boulevard**, (downstream of existing US 70), is 41 meters (135 feet). The 100-year **floodway elevation at this location is 10.9 feet, and the unencroached 100-year flood elevation is 3.2 meters (10.4 feet) N.G.V.D.**"